

## List of Publications of (2012-2013)

### Journals

#### **Dr. Pinaki Chakraborty**

1. A. Bhunia, A. Bhunia, S. K. Chakraborty, **P. Chakraborty**, R.S. Goswami, N. Pramanik, M. K. De, P. K. Samanta and C.T. Bhunia, "Reviewing And Sggestions For Revamping Technical Higher Education In India To Meet The Challenges Of Future Scenario" **International Journal on Current Science & Technology**, Vol - 1, No- 1, January-June'2013, PP - 21-29

#### **Dr. A. K. Atta**

1. **Atta, A. K.**; Kim, Seul-bee.; Heo, J.; Cho, D-G. Hg(II)-Mediated Intramolecular Cyclization Reaction in Aqueous Media and Its Application as Hg(II) Selective Indicator. *Org. Lett.* **2013**, *15*, 1072-1075.

#### **Dr. Nabakumar Pramanik**

1. **N. Pramanik** and T. Imae, *Langmuir*, "Fabrication and characterization of dendrimer-functionalized mesoporous hydroxyapatite" *Langmuir, American Chemical Society*, vol.28 (2012) pp.14018-14027.
2. **N. Pramanik** and S. Chakraborty, Processing of mesoporous hydroxyapatite using cetyltrimethyl ammonium bromide as porogens", *International Journal of Engineering Research and Applications*, vol.2 (2012) pp.981-986.
3. **N. Pramanik** and S. Chakraborty, "Biocompatibility study of phosphonic acid grafted nanosized hydroxyapatite material", *International Journal of Chemical Science* vol.3 (2012) pp.49-52.

#### **Anish Kumar Saha**

1. Hrituparna Paul , Anish Kumar Saha, Partha Pratim Deb, Partha Sarathi, "Comparative Analysis of Different TCP Variants in Mobile Ad-Hoc Network" , *International Journal of Computer Applications (IJCA)*, Volume 52(13), August 2012, pp.19-23.
2. Partha Sarathi , Anish Kumar Saha , Shahin Ara Begum, "The application of E-commerce in Business Application: Their Problems and Prospects", *International Journal of Computer Applications (IJCA)*, Volume 49– No.10, July 2012, pp. 36-40.

## Alak Majumder

1. Alak Majumder, "A Design of RF – Based Programmable Frequency Divider for IEEE 802.11a Wireless Access", *IOSR Journal*, Vol. 4, Issue 1, pp. 01-10, Nov – Dec 2012.
2. Alak Majumder, "Rectangular Microstrip Patch Antenna using Co-axial feeding technique to operate in S- Band", *International Journal of Engineering Trends and Technology*, Vol. 4, Issue-4, pp. 1206 – 1210, April 2013.

## Sahadev Roy

1. Santanu Maity, Sahadev Roy, "Near Sub-Wavelength Texturization Of Silicon Surfaces For Solar Cell Applications", *International Journal of Scientific Engineering and Technology*, Volume No.2, Issue No.6, pp : 511-515

## Santanu Maity

1. Santanu Maity, Abhishek Kumar, "A Phenomenological Analysis of MEMS-Based Sensor for Toxic Gas Sensing in Coal Mine", , international journal of engineering sciences & research Technology, ISSN: 2277-9655, 2(6): June, 2013
2. Santanu Maity, Sahadev Roy, "Near Sub-Wavelength Texturization Of Silicon Surfaces For Solar Cell Applications", *International Journal of Scientific Engineering and Technology*, Volume No.2, Issue No.6, pp : 511-515
3. Santanu Maity, Abhishek Kumar, Vinay Kumar Dwivedi, "Batch fabrication of RF-MEMS switches and problems encountered", international journal of innovative research in electrical, electronics, instrumentation and control engineering, ISSN 2321 – 2004 ,ISSN 2321 – 5526, Vol. 1, Issue 3, June 2013
4. Santanu Maity, Avra Kundu, Hiranmay Saha, Utpal Gangopadhyay, "**Light induced plating for enhance efficiency by improving fill factor and short circuit current**", *International Journal on Current Science & Technology* Vol - 11 No - 11 January-June'2013 p-125-128

## Abir Jyoti Mondal

1. Ashis Kumar Mal, **Abirjyoti Mondal**, Om Prakash Hari, and Rishi Todani, "Simulator Based Simplified Design Approach of a CMOS 2-Stage Opamp", *IACSIT International Journal of Engineering and Technology*, Vol. 4, No. 6, December 2012.

## **Shantanu Chatterjee**

1. Shantanu Chatterjee, “ A multilevel Inverter Based on SUPWM Techniques for photo Voltaic Application”, IJPEDS, March 2013, Vol. 3, No. 1, ISSN 2088-8694, pp. 62-73.

## **Subhasish Banerjee**

1. Subhasish Banerjee, Uddalak Chatterjee, and Kiran sankar Das, “ Review and security analysis of an Efficient Biometric Based Remote User Authentication scheme using Smart Card”, International Journal of Current science and Technology, Vol. 1, No. 2, march 2013, pp. 167-170.

## **Swarnendu Kumar Chakraborty**

1. A. Bhunia, A. Bhunia, **S. K. Chakraborty**, P. Chakraborty, R.S. Goswami, N. Pramanik, M. K. De, P. K. Samanta and C.T. Bhunia, "Reviewing And Sggestions For Revamping Technical Higher Education In India To Meet The Challenges Of Future Scenario" **International Journal on Current Science & Technology**, Vol - 1, No- 1, January-June'2013, PP - 21-29
2. Rajat Subhra Goswami, **Swarnendu Kumar Chakraborty**, Abhinandan Bhunia, C. T. Bhunia, “Two new protocols for Improving Performance of aggressive packet combining ”, International Journal of Current science and Technology, Vol. 1, No. 2, march 2013, pp. 161-166.
3. Rajat Subhra Goswami, **Swarnendu Kumar Chakraborty**, Abhinandan Bhunia, C. T. Bhunia, “Cipher combining Technique to tackle Error propagation Behavior of AES”, International Journal of Current science and Technology, Vol. 1, No. 2, march 2013, pp. 159-160.

## **Rajat Subhra Goswami**

1. A. Bhunia, A. Bhunia, S. K. Chakraborty, P. Chakraborty, **R.S. Goswami**, N. Pramanik, M. K. De, P. K. Samanta and C.T. Bhunia, "Reviewing And Sggestions For Revamping Technical Higher Education In India To Meet The Challenges Of Future Scenario" **International Journal on Current Science & Technology**, Vol - 1, No- 1, January-June'2013, PP - 21-29
2. **Rajat Subhra Goswami**, Swarnendu Kumar Chakraborty, Abhinandan Bhunia, C. T. Bhunia, “Two new protocols for Improving Performance of aggressive packet combining ”, International Journal of Current science and Technology, Vol. 1, No. 2, march 2013, pp. 161-166.
3. **Rajat Subhra Goswami**, Swarnendu Kumar Chakraborty, Abhinandan Bhunia, C. T. Bhunia, “Cipher combining Technique to tackle Error propagation Behavior of AES”, International Journal of Current science and Technology, Vol. 1, No. 2, march 2013, pp. 159-160.

## International Conferences

### Santanu Maity

1. Sonali Das, Santanu Maity, Prasenjit Dey, Avra Kundu, Nillohit Mukherjee, Swapan K. Datta and Hiranmay Saha, "*Nanoparticles for high efficiency silicon solar cells: Status and Prospects*", Science congress at BESU,2013
2. Santanu Maity, Sonali Das, Avra Kundu. Swapan K. Datta and Hiranmay Saha, "*Nanotexturing of silicon surfaces for solar cell applications*", Science congress at BESU,2013
3. Santanu Maity, Sonali Das, Soma Ray, Utpal Gangopadhyay, Swapan K Datta and Hiranmay Saha, "*Plasmonic effect in Light-Induced Plating of c-Si solar cell*", ICEE 2012,IEEE.

### Swarnendu Kumar Chakraborty

1. **Swarnendu K Chakraborty**, Rajat S Goswami, Abhinandan Bhunia, Chandan T Bhunia, "Two new modified schemes of Aggressive Packet Combining Schemes in Achieving Better Throughput", ITNG, 2013, 14th – 17th April' 2013, IEEE computer Society, CPS, pp:729-730.
2. Rajat Subhra Goswami, **Swarnendu Kumar Chakraborty**, Abhinandan Bhunia, C. T. Bhunia, "New approach towards generation of Automatic Variable Key to achieve Perfect Security", 10th International Conference on Internet Technology, Next Generation, ITNG, 2013, 14th – 17th April' 2013, IEEE computer Society, CPS, pp: 489-491.

### Rajat Subhra Goswami

1. Swarnendu K Chakraborty, **Rajat S Goswami**, Abhinandan Bhunia, Chandan T Bhunia, "Two new modified schemes of Aggressive Packet Combining Schemes in Achieving Better Throughput", ITNG, 2013, 14th – 17th April' 2013, IEEE computer Society, CPS, pp:729-730.
2. **Rajat Subhra Goswami**, Swarnendu Kumar Chakraborty, Abhinandan Bhunia, C. T. Bhunia, "New approach towards generation of Automatic Variable Key to achieve Perfect Security", 10th International Conference on Internet Technology, Next Generation, ITNG, 2013, 14th – 17th April' 2013, IEEE computer Society, CPS, pp: 489-491.

## National Conferences

### Dr. Nabakumar Pramanik

1. A. Bhunia, A. Bhunia, S. K. Chakraborty, R. Goswami, P. Chakraborty, **N. Pramanik**, M. K. Dey, P. K. Samanta and C. T. Bhunia, National Science Congress, National Institute of Technology, Arunachal Pradesh, India, March 11-13, 2013

### Swarnendu Kumar Chakraborty

1. C. T. Bhunia, **Swarnendu Kumar Chakraborty**, Rajat Subhra Goswami, “A New Technique (CSAVK) of Automatic Variable Key in Achieving Perfect Security”, 100<sup>th</sup> Indian Science Congress Association, January 2013.
2. C T Bhunia, Abhinandan Bhunia, **Swarnendu Kr. Chakraborty**, Rajat Subhra Goswami, “Schemes of High Throughput Modified Aggressive Packet Combining”, 100<sup>th</sup> Indian Science Congress Association 2013
3. C T Bhunia, Abhinandan Bhunia, **Swarnendu Kr. Chakraborty**, Rajat Subhra Goswami, “Aggressive packet combining scheme: Review”, National conference on emerging trends in computing, june 13-15,2013, pp. 16-20.
4. C T Bhunia, Abhinandan Bhunia, **Swarnendu Kr. Chakraborty**, Rajat Subhra Goswami, “Review and suggestions of time variant key ( Automatic Variable key) techniques”, National conference on emerging trends in computing, june 13-15,2013, pp. 12-15.

### Rajat Subhra Goswami

1. C. T. Bhunia, Swarnendu Kumar Chakraborty, **Rajat Subhra Goswami**, “A New Technique (CSAVK) of Automatic Variable Key in Achieving Perfect Security”, 100<sup>th</sup> Indian Science Congress Association, January 2013.
2. C T Bhunia, Abhinandan Bhunia, Swarnendu Kr. Chakraborty, **Rajat Subhra Goswami**, “Schemes of High Throughput Modified Aggressive Packet Combining”, 100<sup>th</sup> Indian Science Congress Association 2013
3. C T Bhunia, Abhinandan Bhunia, Swarnendu Kr. Chakraborty, **Rajat Subhra Goswami**, “Aggressive packet combining scheme: Review”, National conference on emerging trends in computing, june 13-15,2013, pp. 16-20.
4. C T Bhunia, Abhinandan Bhunia, Swarnendu Kr. Chakraborty, **Rajat Subhra Goswami**, “Review and suggestions of time variant key (Automatic Variable key) techniques”, National conference on emerging trends in computing, june 13-15,2013, pp. 12-15.